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Sep 25, 1981

DERWENT-ACC-NO: 1982-61229E

DERWENT-WEEK: 198229

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TITLE: PMMA-based transparent laminate - contg. surface layer composed of vinylidene! fluoride homopolymer or copolymer to retain transparency in corrosive media

INVENTOR: RUZAKOV, V I

PATENT-ASSIGNEE:

ASSIGNEE

CODE

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PRIORITY-DATA: 1978SU-2626474 (June 12, 1978)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

/ ☐ SU 865873 B September 25, 1981

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INT-CL (IPC): B32B 27/08; C08J 7/04

ABSTRACTED-PUB-NO: SU 865873B

BASIC-ABSTRACT:

Transparent laminated material based on polymethyl methacrylate (PMM) (e.g. for mfg. optical prods. and use in impact and corrosion resistant chemical appts.) contains a 5-100 microns thick surface layer composed of vinylidene fluoride (VdC) homo- or copolymer to give retention of optical transmission in corrosive media. The proposed copolymer is based on 2-3C fluorinated fatty hydrocarbon and contains 50-98 mol.% VdC.

At the proposed thickness the VdC film (laminated with PMM at 200-250 deg.C) loses its ability to crystallise and remains amorphous to ensure good transparency.  
Bul.35/23.9.81 (4pp)

TITLE-TERMS: PMMA BASED TRANSPARENT LAMINATE CONTAIN SURFACE LAYER COMPOSE POLYVINYLIDENE FLUORIDE HOMOPOLYMER COPOLYMER RETAIN TRANSPARENT CORROSION MEDIUM

ADDL-INDEXING-TERMS:

POLY METHYL POLYMETHACRYLATE

DERWENT-CLASS: A18 A94 P73

CPI-CODES: A04-E10; A04-F06E; A09-A02; A12-S06C;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0006 0210 0231 0500 3011 0535 2232 2429 2437 2513 2588 2595 2607 2617  
2635 2654 2719 2726 2731 2851 0843 0845 0949 3169 0963

Multipunch Codes: 013 029 04- 062 064 071 074 077 081 082 165 315 431 435 443 477  
516 517 523 541 545 551 556 567 573 575 596 623 624 649 688 013 029 034 04- 062 064  
071 074 077 081 082 089 165 27& 315 431 435 443 477 516 517 523 541 545 551 556 567  
573 575 596 623 624 649 688 013 029 034 04- 062 064 071 074 077 081 082 087 165 27&  
315 431 435 443 477 516 517 523 541 545 551 556 567 573 575 596 623 624 649 688

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)